

FILE NOTATIONS

Entered in HED File✓.....
 Location Map Pinned✓.....
 Card Indexed✓.....

Checked by Chief *PWK*
 Approval Letter *10-9-74*
 Disapproval Letter

COMPLETION DATA:

Date Well Completed *1-17-75*

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....✓.....

State or Fee Land

LOGS FILED

Driller's Log.....✓.....

Electric Logs (No.)

..... Pool I Test..... GR-H..... Micro.....

WNC Sonic GR..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

WAINOCO, INC.

3. ADDRESS OF OPERATOR

1660 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1980' FNL, 1980' FWL, Section 25

At proposed prod. zone

N SE NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

6 miles north of Aneth

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5900'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4965' Ground Level

22. APPROX. DATE WORK WILL START*

November 15, 1974

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5	160 ft	150 sx. (circ. to surf)
7-7/8	5-1/2	15.5	5900'	225 sx.

Drill 17½" hole to 160'. Set 13-3/4" casing, circulate cement to surface to protect water sand.

Drill 7-7/8" hole to 5900' to evaluate Lower Ismay and Desert Creek formations.

Electrical logs will be run at T. D. and Drill Stem Tests will be taken if appropriate.

If productive, 5½" production casing will be run to T. D. and cemented. If non-productive, the well will be plugged in accordance with regulations.

The surface will be restored and reseeded if the well is plugged.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

D. Sherwin Artus

TITLE Production Manager

DATE 9-20-74

(This space for Federal or State office use)

PERMIT NO.

43-037-30210

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

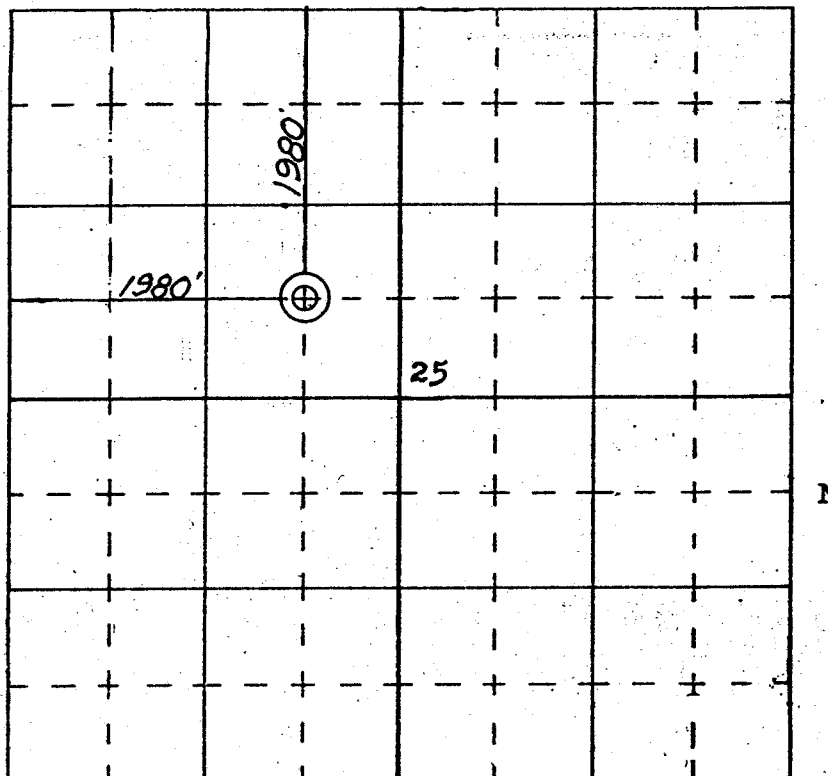
COMPANY WAINOCO, INC.

LEASE _____ WELL NO. _____

SEC. 25, T. 40 S, R. 25 E, S. L.M.

LOCATION 1980 feet from the North line and
1980 feet from the West line.

ELEVATION 4965 Ungraded Ground



SCALE—4 INCHES EQUALS 1 MILE

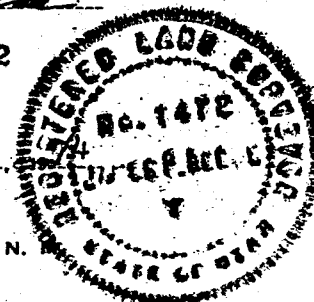
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPER-
VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

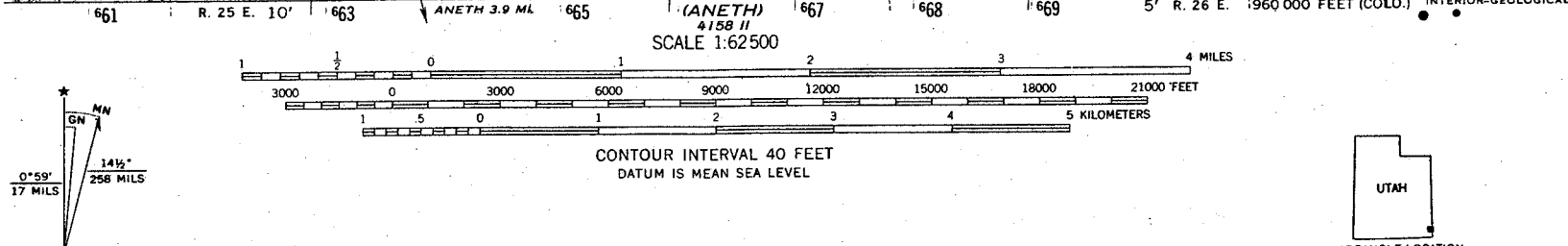
SEAL:

James O. Lee
Registered Land Surveyor.
UTAH Reg. # 1472

SURVEYED 18 May

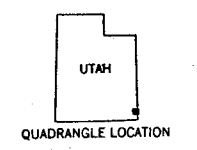
SAN JUAN ENGINEERING COMPANY, FARMINGTON, N.

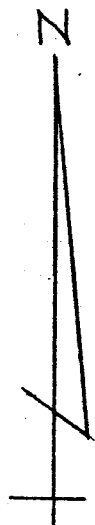




CONTOUR INTERVAL 40 FEET
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST





VICINITY MAP
FOR

Showing
Well Location in NW/4 of Sec. 25,
T40S R25E, S.L.M., San Juan
County, Utah

Date : 20 May, 1974

Farmington, New Mexico

San Juan Engineering Company

WAINOCO, INC.
2228 LINCOLN CENTER BUILDING
DENVER, COLORADO 80203
303-573-5150

September 18, 1974

United States Geological Survey
Box 959, Petroleum Club Plaza Building
Farmington, New Mexico 87401

Attention: Mr. P. T. McGrath

In re: Wainoco, Inc.
Navajo Tract 92 #1
Lease No. NOO-C-14-20-4437
SE NW Section 25-40S-25E
San Juan County, Utah

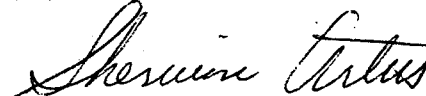
Gentlemen:

The following is additional pertinent information relating to drilling procedures for the captioned test:

1. Surface Casing: 160' 13-3/8" 54.5# K-55 New
Cement to be circulated from bottom to top.
2. Size and Series of Casinghead: 13-3/8" x 12" - 600 series
3. Intermediate Casing: None anticipated. If Navajo fm water flows are encountered, 8-5/8" K-55 24# casing will be run to 1500'± and cemented to surface ✓
4. Blowout Preventors: Refer to attached schematic diagram
5. Auxiliary Equipment to be used:
Kelly Cock
Float
Floor Valve (full opening sub)
6. Anticipated bottom hole pressure at total depth:
2570 psi at T. D. (5840')
7. Type of Drilling Fluid: Water base mud

Very truly yours,

WAINOCO, INC.



D. Sherwin Artus
Production Manager

WAINOCO, INC.

2228 LINCOLN CENTER BUILDING

DENVER, COLORADO 80203

303-573-5150

September 17, 1974

U. S. Geological Survey
Box 959, Petroleum Club Plaza Building
Farmington, New Mexico 87401

Attention: Mr. Phillip T. McGrath

In re: Application for Permit to Drill
Operator: Wainoco, Inc.
Well No. Navajo Tract 92 #1
Lease No.: NOO-C-14-20-4437
Location: SE NW Section 25-40S-25E
(1980' FNL & 1980' FWL)
San Juan County, Utah

Gentlemen:

Attached is an Application for Permit to Drill

The following are answers to the government's twelve questions:

1. Existing Roads including location of the exit from the main highway. See Figures 1 and 2.
2. Planned access roads. See Figures 1 and 2.
3. Location of wells. Figure 3 shows the location of nearby dry holes and producing wells.
4. Lateral roads to well locations. Planned roads are shown on Figures 1 and 2. Existing roads and trails will be utilized as much as possible.
5. Location of tank batteries and flow lines. Tank battery for the well, if productive, will be located approximately 200 feet northeast of the well. Flowline to the battery will be buried along the roadway insofar as possible.
6. Locations and types of water supply. (Rivers, creeks, lakes, ponds, well, etc.) Water for drilling will be pumped from McElmo Creek in the vicinity of the SE SW Section 29 through a temporary surface pipeline.

7. Methods for handling waste disposal. Drilling wastes will be contained in a reserve pit until drilling is completed, at which time the pit will be partially closed and fenced until dry. It will then be closed and dressed. Combustible material will be disposed of in a reserve pit adjacent to the reserve pit. The burn pit will be closed and dressed when drilling is finished.
8. Location of camps. None planned.
9. Location of airstrips. None planned.
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. Figure 4 has been attached to show approximate dimensions and orientation of the drilling rig and location.
11. Plans for restoration of the surface. All top soil will be removed and stockpiled prior to digging pits and building location. At the time of final cleanup it will be redistributed over all the area not required for installation of production equipment. Reseeding will be accomplished to the requirements of the U.S.G.S.
12. Any other information that may be used in evaluating the impact on the environment including general description of the topography, vegetation, and other aspects of the area. The prime axis of the location will follow the contour of the ground. No water courses will be blocked by this construction. Cut and fill will be minimal, amounting to four or five feet on the upper (SE) side. Slopes will be cut so as to retain the redistributed top soil. Vegetation consists of sparse native grasses on rocky soil.

Very truly yours,

WAINOCO, INC.



D. S. Artus
Production Manager

DSA/vh

Enclosures

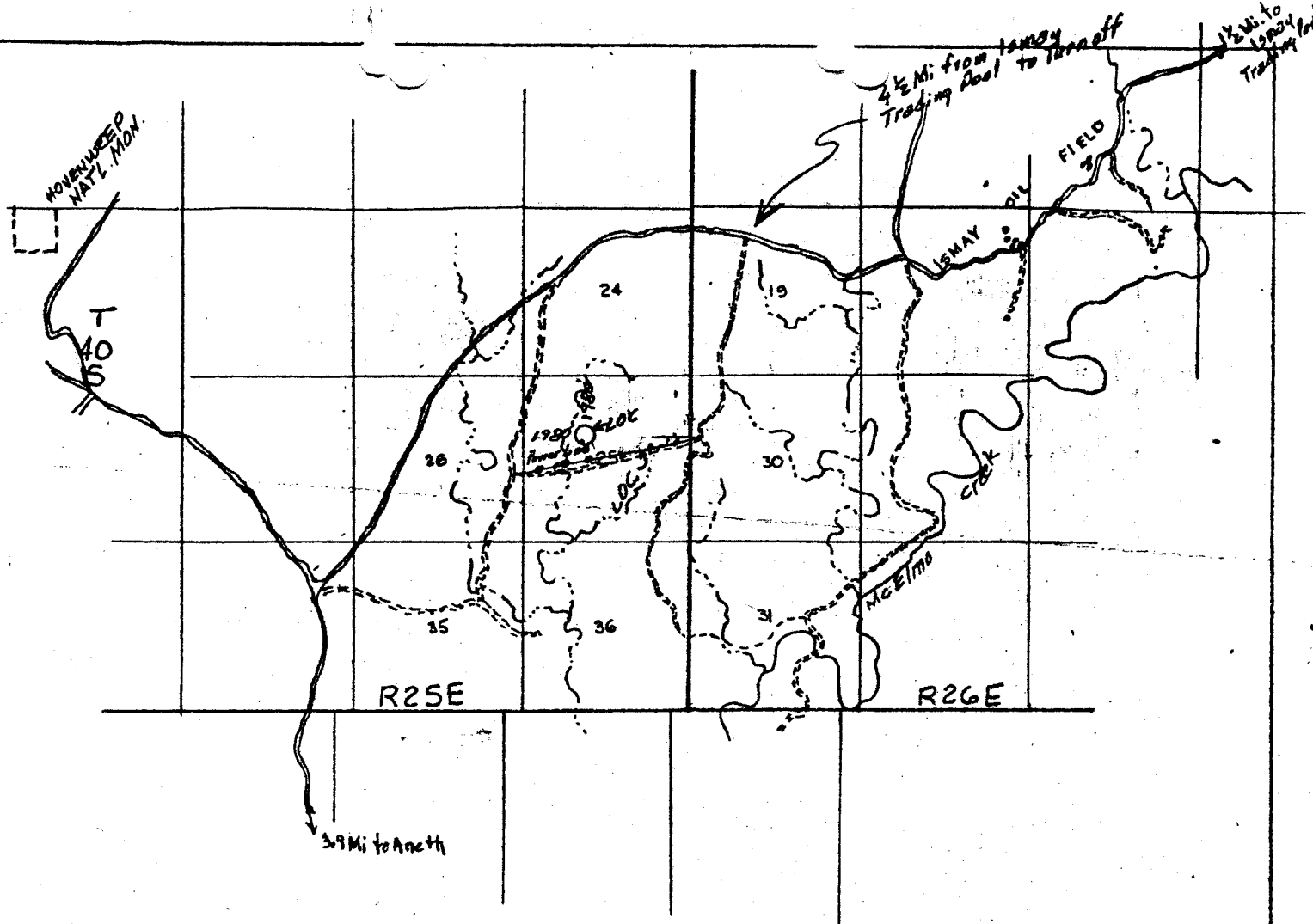


Fig 1

VICINITY MAP
FOR

WAINOCO INC.

Showing
Well Location in NW 1/4 of Sec. 25,
T 40 S R 25 E, S.L.M., San Juan
County, Utah

Scale: 1" = 1 mile

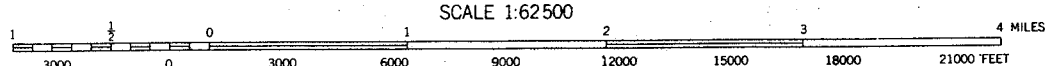
Date: 20 May, 1974

Farmington, New Mexico

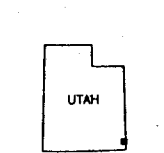
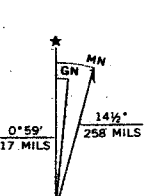
San Juan Engineering Company



661 R. 25 E. 10' 663 ANETH 3.9 MI. 665 (ANETH) 4158 II 667 668 669 5' R. 26 E. 1960 000 FEET (COLO.) T 39 S T 40 S T 40 S T 41 S



CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

R 25 E

R 26 E

OPEN?

23

24

19

20

21

ISMAY FIELD
Cum prod. 8,300,000 bbls

OPEN?

26

Proposed Location

25

30

29

28

OPEN?

35

OPEN?

36

31

32

33

-646

-650

2

1

6

5

4

MCELMO MESA
Cum. Prod. 2,000,000 bbls.

COLEMAN DRILLING CO.

P. O. BOX 1915

FARMINGTON, N. M. 87401

PHONE 505 / 325-6892

DRILLING RIG INVENTORY

RIG # 1

RATED DEPTH CAPACITY 8,000 FEET WITH 4 1/2" DRILL PIPE

DERRICK: WILSON 110' - 290,000 HOOK LOAD CAPACITY

SUBSTRUCTURE: 12' HIGH - 300,000 # CASING CAPACITY
250,000 # SET BACK CAPACITY

DRAWWORKS: WILSON MOGUL 42 SELF PROPELLED DRIVE-IN

AUXILIARY BRAKE: PARKERSBURG DOUBLE 15" HYDROMATIC

ENGINES: 2-CATERPILLER D-343T 390 H.P. EACH AT 2200 R.P.M.

MUD PUMPS: EMSCO D-500 W/CATERPILLER D-379TA
555 MAX. HP AT 1100 RPM
500 INT. HP AT 1100 RPM
420 CONT. HP AT 1100 RPM

AUXILIARY MUD PUMP
EMSCO D-300 W/TWIN 671 GMC

DESILTER: PIONEER 8 CONE CAPACITY 400 GPM

MUD TANK: 1 EACH 575 BBL. (42) WORKING CAPACITY

WATER STORAGE: 1 EACH 530 BBL. (42 GAL.) OR TO COMPLY WITH BID SPECIFICATIONS

GENERATORS: 1 EACH 90 KW AC AND 1 EACH 100 KW AC

ROTARY TABLE: EMSCO 20.5

TRAVELING BLOCK: BAASH-ROSS 430 - 150 TONS W/COMB. HOOK

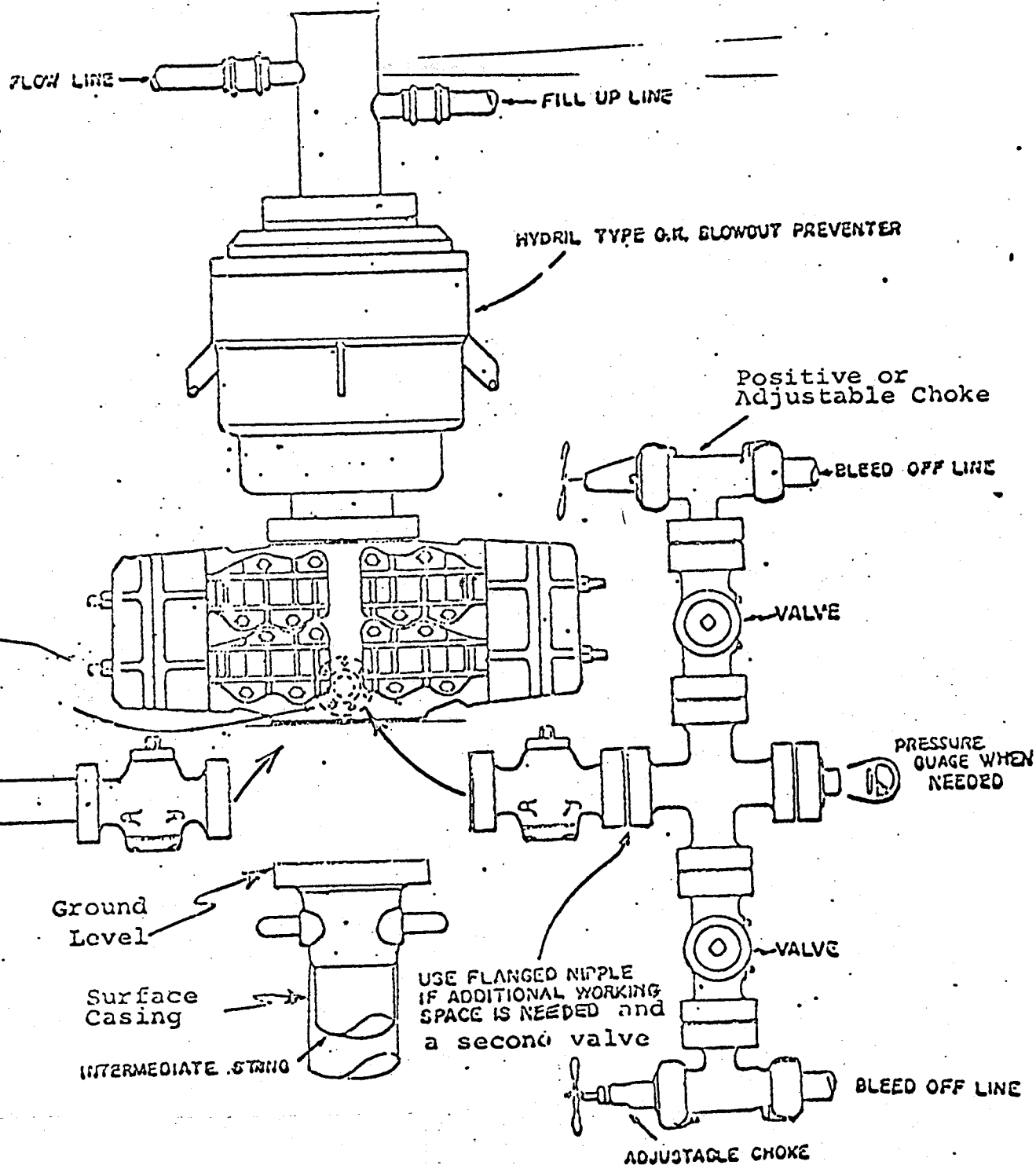
SWIVEL: OILWELL PC 225

BLOW OUT PREVENTER: 10" SHAFFER 3000 WP HYDRAULIC

SPECIAL: TONG TORQUE GAUGE
CROWN-O-MATIC
RATE OF PENETRATION RECORDER
SHALE SHAKER
TRAILER HOUSE
TWO-WAY RADIO

JUNE 1974

RECEIVED AUG 28 1974



COLEMAN DRILLING COMPANY
 Rig #1
 Shaffer Type B
 10"-900 Series
 Hydraulically operated
 with 4-1/2" and C.S.O. rams

WAINOCO, INC.
 Navajo Tract 92-#1
 San Juan County, Utah

COLEMAN-ANDES DRILLING CO.

P. O. BOX 1915

FARMINGTON, N. M. 87401

PHONE 505 / 328-8892

Front of Rig

Rig #1

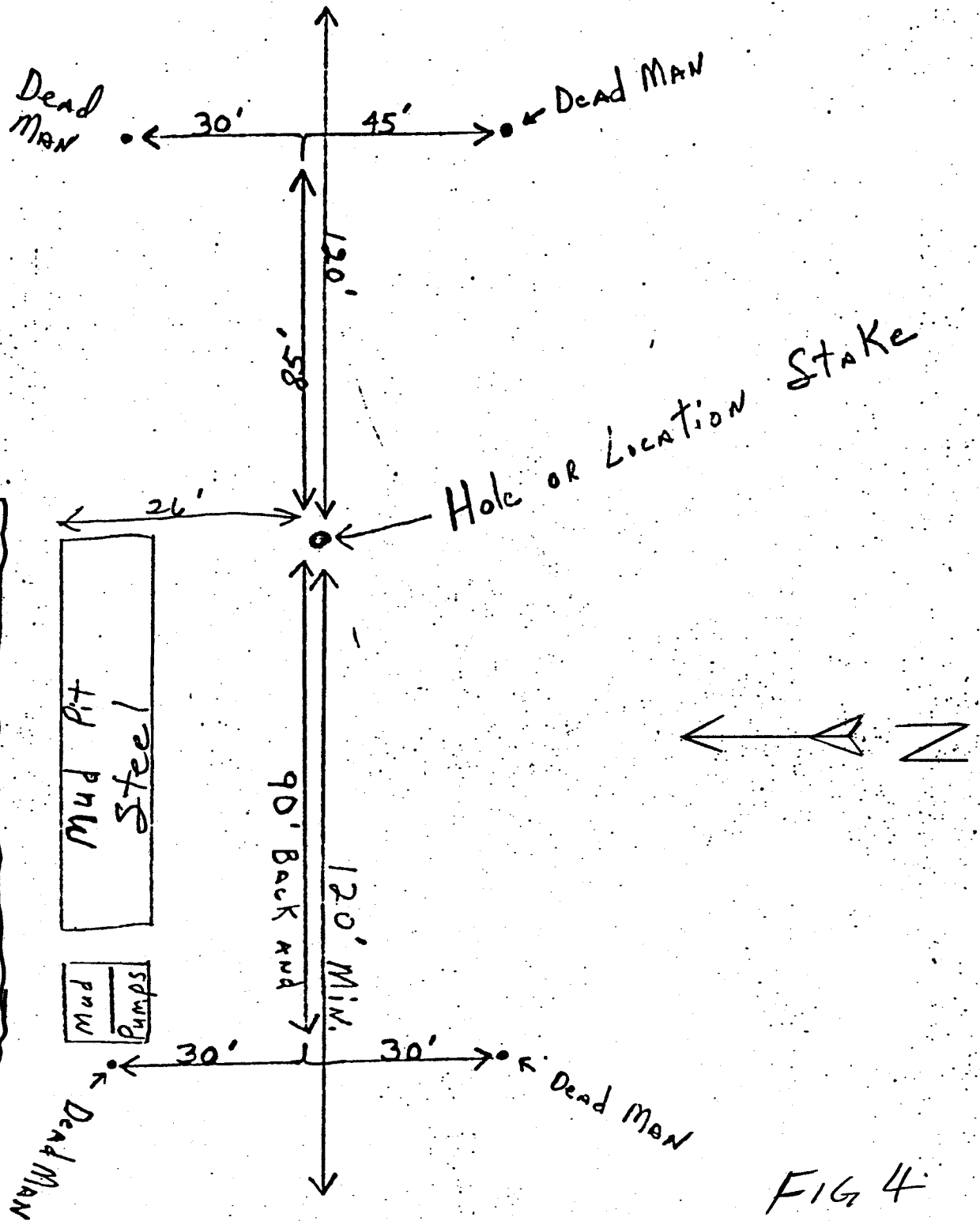


FIG 4

Reserve Pit 150'X150'X5' Deep

DESIGNATION OF OPERATOR

Indian Affairs, Navajo Area Office
The undersigned is, on the records of the Bureau of ~~Land Management~~ holder of lease
Tribal land Oil & Gas Mining lease Contract NO. N00-C-14-20-4437
DISTRICT LAND OFFICE: Window Rock, Arizona 86515
SERIAL No.: N00-c-14-20-4437

and hereby designates

NAME: WAINOCO, INC.
ADDRESS: 2228 Lincoln Center Bldg.
Denver, Colorado 80203

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 40 South, Range 25 East; S.L.M.
Section 25: ALL
Section 26: E/2NE/4 (Frac)
Section 36: NE/4NW/4, N/2NE/4 (Frac.)
Containing 840.00 acres more or less.
San Juan County, Utah

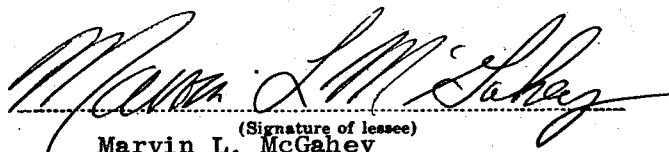
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

February 22, 1974

(Date)


(Signature of lessee)
Marvin L. McGahey
960 Petroleum Club Bldg.
Denver, Colorado 80202

(Address)

RECEIVED FEB 25 1974



United States Department of the Interior
NATIONAL PARK SERVICE

P. O. Box 8327
Albuquerque, New Mexico 87108

U-12

COPY

IN REPLY REFER TO:

Jan. 7 1974

Cajon Area

Memorandum

To: Area Director, Navajo Area Office, B.I.A.
Attn: Real Property Management

From: Archeologist, Albuquerque Office, N.P.S.

Subject: Archeological clearance, Wainoco, Inc.

Archeological clearance is granted to Wainoco Inc., Denver, for a test well to be drilled in Sec. 25, T 40 S, R 25 E, San Juan County, Utah, Contract NOO-C-14-20-4437.

By copy of this letter we are requesting that future requests for archeological clearances by Wainoco be accompanied by more precise location within a Section, as by number of feet from two adjoining sides of the Section.

[Signature]
Archeologist

copies:

Wainoco, Inc., Denver
U.S.G.S., Farmington
The Navajo Tribe, Window Rock
file

RECEIVED JAN 10 1974

July 1, 1974

U. S. Department of the Interior
Bureau of Indian Affairs
Navajo Area Office
Window Rock, Arizona 86515

Re: Marvin L. McGahey
Bond #1840819 (Computer #109B0223)
\$12,000 Oil & Gas Bond
San Juan County, Utah
#NOO-C-14-20-4437

Gentlemen:

We, the Travelers Indemnity Company of Hartford, Connecticut,
as Surety, hereby consent to the inclusion of Wainoco, Inc.,
2228 Lincoln Center Building, Denver, Colorado 80203 as
Additional Principal on the above captioned bond.

Very truly yours,

THE TRAVELERS INDEMNITY COMPANY

BY: Norman Sterling, Jr.
Norman Sterling, Jr.
Attorney-In-Fact

October 7, 1974

Wainoco Inc.
1660 Lincoln Street
Denver, Colorado 80203

Re: Well No. Navajo Tract 92-#1
Sec. 25, T. 40 S, R. 25 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

Please advise this office as to your drilling contractor, rig number, and toolpusher, immediately upon spudding-in.

The API number assigned to this well is 43-037-30210.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

12/17/74

Wapiaco Inc.

Nwajo Tribal #92

SE1W

25-40S-25E

Spudded @ 4:45 AM, 12/17

Contractor: Arapahoe Drilling
Rig #3

Toolpusher: Jack Murphy

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN _____
(Other instructions on re-verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NCO-C-14-20-4437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tract 92

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 25-40S-25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole	14. PERMIT NO. API 43-037-30201	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4976' KB
2. NAME OF OPERATOR WAINOCO, INC.		
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Denver, Colorado 80203		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FNL, 1980' FWL, (SE NW) Section 25		

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Navajo Tract 92 #1 was spudded 12-17-74. A 17½" hole was drilled to 186'. 13-3/8" casing was set @181' KB and cemented w/200 sacks cement. A 7-7/8" hole was drilled to 5854'. The Ismay formation 5634-5698 was drill stem tested, recovering 812' of Muddy Salt Water, no hydrocarbons. Dual Induction and Gamma Ray-Sonic logs were run. All zones were found to be water-bearing. After receiving verbal permission from the USGS (P. T. McGrath, USGS, to Arnold Snell, Minerals Management, Inc.), the well was plugged as follows on 1-12-75:

75 sacks	5550-5750	Ismay
75 sacks	4570-4720	Hermosa
75 sacks	2650-2850	De Chelly
75 sacks	1200-1400	Kayanta-Wingate
40 sacks	0-50	Surface casing

A dry hole marker was erected and the pits fenced. The location will be restored as soon as the pits have dried and can be closed in. Electrical surveys will be mailed directly by Schlumberger Well Services, Farmington, New Mexico.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. Sherwin Artus

TITLE

Production Manager

DATE

January 15, 1975

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other P&A

2. NAME OF OPERATOR

WAINOCO, INC.

3. ADDRESS OF OPERATOR

1660 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FNL & 1980' FWL, Section 25 (SE NW)

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO. 30210 DATE ISSUED

API 43-037-30210 10-07-74

15. DATE SPUDDED 12-17-74 16. DATE T.D. REACHED 1-11-75 17. DATE COMPL. (Ready to prod.) 1-12-75 P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4976' KB 19. ELEV. CASINGHEAD 4965

20. TOTAL DEPTH, MD & TVD 5854 21. PLUG, BACK T.D., MD & TVD surface 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY --- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* --- 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, Gamma Ray-Sonic

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	181' KB	17 1/2"	200 sx.	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.) Plugs (
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	5550-5750	75 sx cement
	4570-4770	75 sx cement
	2650-2850	75 sx cement
	1200-1400	75 sx cement
33.*	PRODUCTION 0-50	40 sx cement

33.* PRODUCTION 0-50 40 sx cement

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) _____

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Maurice Cox, Jr.

TITLE

Exploration Manager

DATE 1-16-75

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

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JAN 20 1965

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bluff sandstone	Surf csg 186 (+4790)	347 (+4629)	sandstone, water	Chinle	1646 (+3330)	same
Entrada sandstone	616 (+4360)	751 (+4225)	sandstone, water	Organ Rock	2860 (+2116)	same
Navajo sandstone	1015 (+3961)	1268 (+3708)	sandstone, water	Hermosa Limest.	4672 (+304)	same
Wingate sandstone	1332 (+3644)	1646 (+3330)	sandstone, water	Ismay	5566 (-590)	same
Shinarump Conglo- merate	2624 (+2352)	2674 (+2302)	conglomerate/sandstone, water	Paradox Shale	5718 (-742)	same
DeChelly sandstone	2813 (+2163)	2860 (+2116)	sandstone, water	Desert Creek	5765 (-789)	same
Lower Ismay	5690 (-714)	5718 (-742)	limestone, water: DST 5634-5698 0-15", SI-60", 0-60", SI-120: Wk blo, died 13" Rec 180'M, 180'WCM, 452'MCSW PF 79-152, MF 212-423 SIP 2294-2294 IH 2927, FH 2927			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR WAINOCO, INC.							
3. ADDRESS OF OPERATOR 1660 Lincoln Street, Denver, Colorado 80203							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1980' FWL, Section 25 (SE NW) At top prod. interval reported below same At total depth same							
14. PERMIT NO. API 43-037-30201				DATE ISSUED 10-07-74			
15. DATE SPUDDED 12-17-74		16. DATE T.D. REACHED 1-11-75		17. DATE COMPL. (Ready to prod.) 1-12-75 P&A		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4976' KB	
20. TOTAL DEPTH, MD & TVD 5854		21. PLUG, BACK T.D., MD & TVD surface		22. IF MULTIPLE COMPL., HOW MANY* ---		23. INTERVALS DRILLED BY ROTARY TOOLS 0-5854	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* ---						19. ELEV. CASINGHEAD 4965	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, Gamma Ray-Sonic						25. WAS DIRECTIONAL SURVEY MADE no	
27. WAS WELL CORED no							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8"	61#	181' KB	17 1/2"	200 sx.		---	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT-SQUEEZE, ETC. (Plugs)			
				DEPTH INTERVAL (MD)			
				5550-5750			
				4570-4770			
				2650-2850			
				1200-1400			
				AMOUNT AND KIND OF MATERIAL USED			
				75 sx cmt.			
				75 sx cmt.			
				75 sx cmt.			
				75 sx cmt.			
33.*				PRODUCTION 0-50 40 sx cmt.			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		J. Maurice Cox, Jr.			TITLE		Exploration Manager
					DATE		1-6-75

*(See Instructions and Spaces for Additional Data on Reverse Side)

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Lower Ismay	5690 (-714)	5718 (-742)	limestone, water:

DST 5634-5698
O-15", SI-60" 0-60", SI-120"
Wk blo, died i3"
Rec 180' M, 180' WCM, 452' MDSW
PF 79-152, MF 212-423
SIP 2294-2294
IH 2927, FH 2927

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
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Hermosa limestone	4672 (+304)		same
Ismay	5566 (-590)		same
Paradox Shale	5718 (-742)		same
Desert Creek	5765 (-789)		same

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Navajo Tract 92 - #1
Operator WAINOCO, INC.
Address 2020 Lincoln Center Building, Denver, Colorado 80203
Contractor Arapahoe Drilling Company
Address P. O. Box 2078, Farmington, New Mexico 87401
Location C SE 1/4, NW 1/4; Sec. 25; T. 40 S; R. 25 E., San Juan County.
KB 4976, GL 4965

Water Sands:

	Depth: From - To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	<u>186 - 347</u>	<u>?</u>	<u>Fresh</u>
2.	<u>616 - 751</u>	<u>?</u>	<u>Fresh</u>
3.	<u>1015 - 1268</u>	<u>?</u>	<u>Fresh</u>
4.	<u>1332 - 1646</u>	<u>?</u>	<u>Fresh</u>
5.	<u>2624 - 2676</u>	<u>?</u>	<u>Salty</u>

(Continue on Reverse Side if Necessary)

(continued on back side)

Formation Tops: Summerville 347, Entrada 616, Carmel 751, Navajo 1015, Kayenta 1268, Wingate 1332, Chinle 1646, Shinarump 2624, Moenkopi 2674, Hoskimmima 2788, DeChelly 2813, Organ Rock 2860, Hermosa Gp 4672, Ismay 5566, Lwr Ismay 5623, Paradox Shale 5718, Desert Creek 5765.

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry Hole</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>NOO-C-14-20-4437</u>
2. NAME OF OPERATOR <u>WAINOCO, INC.</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>
3. ADDRESS OF OPERATOR <u>1660 Lincoln Street, Denver, Colorado 80203</u>		7. UNIT AGREEMENT NAME <u>---</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>1980' FNL & 1980' FWL (SE NW) Section 25</u>		8. FARM OR LEASE NAME <u>Navajo Tract 92</u>
14. PERMIT NO. <u>API 43-037-30201</u>		9. WELL NO. <u>1</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4976' KB</u>		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 25-40S-25E</u>
		12. COUNTY OR PARISH <u>San Juan</u>
		13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Navajo Tract 92 #1 was spudded 12-17-74. A 17½" hole was drilled to 186'. 13-3/8" csg was set @181' KB & cemented w/200 sacks cement. A 7-7/8" hole was drilled to 5854'. The Ismay formation 5634-5698 was drill stem tested, recovering 812' of Muddy Salt water, no hydrocarbons. Dual Induction & Gamma Ray-Sonic logs were run. All zones were found to be water-bearing. After receiving verbal permission from the USGS (P. T. McGrath, USGS, to Arnold Snell, Minerals Management, Inc.), the well was plugged as follows on 1-12-75:

75 sacks	5550-5750	Ismay
75 sacks	4570-4720	Hermosa
75 sacks	2650-2850	De Chelly
75 sacks	1200-1400	Kayanta-Wingate
40 sacks	0-50	Surface casing

A dry hole marker was erected and the pits fenced. The location will be restored as soon as the pits have dried and can be closed in. Electrical surveys will be mailed directly by Schlumberger Well Services, Farmington, New Mexico.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. Maurice Cox, Jr.TITLE Exploration ManagerDATE 1-16-75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

January 23, 1975

Wainoco, Inc.
1660 Lincoln Street
Denver, Colorado 80203

Re: Well No. NavaJo Tract 92-1
Sec. 25, T. 40 S, R. 25 E,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above referred to well have not as yet been filed with this office.

In order that we may keep our files accurate and complete, it would be greatly appreciated if said logs were forwarded at your earliest convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

WAINOCO, INC.

2020 LINCOLN CENTER BUILDING

DENVER, COLORADO 80203

303-573-5150

January 28, 1975

State of Utah
Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight, Director

In re: #1 Navajo Tract 92
SE NW Section 25-40S-25E
San Juan County, Utah
Cajon Area

Dear Sir:

We are in receipt of your letter dated January 23, 1975 and wish to advise that we are enclosing herewith one set of the logs run on the subject test well.

We are sorry for the delay in the delivery of these logs, however we only this date received our final copies of same.

We appreciate your advising us that you had not received these copies.

Very truly yours,

WAINOCO, INC.

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J. Maurice Cox
Exploration Manager

JMC/ch
Enclosures